IN THE CLAIMS

1. (Currently Amended) An automatic analyzing apparatus comprising an agitating section ~~(140)~~ for agitating ~~a sample, a reagent, etc.~~ liquid in a reaction vessel with an ultrasonic wave generated from an ultrasonic wave generator connected to a power supply unit ~~(141, 142)~~, and an analyzing section for measuring a reaction product produced as an analysis target from the reagent~~, etc.~~ and the sample under agitation, and analyzing components of the sample,

wherein said agitating section ~~(140)~~ includes a power supply unit ~~(144)~~ for applying, to said ultrasonic wave generator, a voltage having been subjected to frequency modulation at frequencies over an optional frequency range.

2. (Currently Amended) An automatic analyzing apparatus according to Claim 1, wherein said ultrasonic wave generator in said agitating section comprises a first ultrasonic wave generator ~~(141)~~ disposed below a reaction container ~~for containing the sample, the reagent, etc.~~, and a second

ultrasonic wave generator ~~(142)~~ disposed laterally of said reaction container, and

said power supply unit ~~(144)~~ applies, to at least said second ultrasonic wave generator, a voltage having been subjected to frequency modulation.

3. (Currently Amended) An automatic analyzing apparatus according to Claim 1, further comprising a sensor ~~(146)~~ for measuring the intensity of the ultrasonic wave irradiated to ~~the sample, the reagent, etc.~~ the liquid in the reaction vessel from said ultrasonic wave generator, and

a control unit ~~(110)~~ for controlling said power supply unit so that the intensity of the ultrasonic wave detected by said sensor is held at a predetermined intensity.

4. (Original) An automatic analyzing apparatus according to Claim 3, wherein said control unit ~~(110) varies~~ controls a frequency range and a central frequency of a voltage applied from said power supply unit to said ultrasonic wave generator.

5. (Original) An automatic analyzing apparatus according to Claim 3, wherein said control unit ~~(110) varies~~ controls an amplitude of a voltage applied from said power supply unit to said ultrasonic wave generator.

6. (Currently Amended) An automatic analyzing apparatus according to Claim 3, wherein said control unit ~~(110)~~ issues an alarm indicating the occurrence of any abnormality in said agitating section if the detected intensity of the ultrasonic wave ~~cannot be held at the predetermined intensity~~ departs from a predetermined intensity in spite of control of said power supply unit.

7. (New) An automatic analyzing apparatus according to Claim 1, wherein said power supply unit applies said voltage in a triangular wave form.

8. (New) An automatic analyzing apparatus according to Claim 1, wherein said power supply unit applies said voltage in a saw tooth wave form.

9. (New) An automatic analyzing apparatus according to Claim 1, wherein said power supply unit applies said voltage in a sine wave form.